LABDEX

Constant Temperature and Humidity Incubator LX101CHI

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Description

Constant Temperature and Humidity Incubator LX101CHI is designed with unique internal air circulation and a breeze circulation fan to make the inner chamber temperature uniform. Equipped with an LCD screen in which multiple groups of data can be displayed at a time of self-diagnosis and sensor fault alarm. Double-door structure with high-quality stalinite to observe samples, outer door with magnetic strip, convenient to on and off, good sealing.

Specifications

Cycle mode	Forced convection
Inner chamber dimension (W x L x H)	490 x 400 x 750 mm
Volume	150 L
Shelf number	9
Load per rack	15 kg
Shelf space	60 mm
Temp. range	No humidification: 0~65℃ Humidification: 10 ~65℃
Temp. resolution ratio	0.1℃
Temp. motion	High temp.: ±0.5℃ Low temp.: ±1℃
Temp. uniformity	±1℃
Humidity range	45%~95%RH
Humidity stability	±5%RH
Temp. control mode	30 section LCD program

Temp. setting mode	Touch button setting
Temp. display mode	Measuring temperature: LCD upper row Setting temperature: The lower row
Humidity control mode	Automatic
Timer	0~99.9h×30 section (with timing wait function)
Operation function	Program operation, Auto stop, Timing and fixed value function
Sensor	PT100
Inner chamber	Mirror stainless steel
Outer	Cold rolling steel electrostatic spraying exterior
Heater	Stainless steel
Compressor	Air cooled hermetic compressor
Cryogen	R134A
Defrost structure	Automatic control intelligent defrosting
Humidifying method	Internal
Test hole	φ43mm
Power	2.0kW
Power supply	AC220V/50/60Hz; 9.1A
Exterior dimension (W x L x H)	646 x 641 x 1301 mm

Net weight	90 kg
Packing dimension (W x L x H)	750 x 730 x 1490 mm
Gross weight	120 kg

Features

- Intelligent PID temperature control system
- Designed with a stainless steel heater
- 30- Stages program control with versatile operations
- Humidity sensor with high-precision anti-condensation
- Efficient inner humidifying system with low water consumption
- Offers an intelligent defrosting function to ensure the device's long–term run without frost
- Having various safety alarms like water shortage alarms, over temperature and humidity alarm
- Came with advanced features such as LED light, deviation correction, menu key lock, power failure parameter memory loop self-diagnosis and an inner humidifying system with small particles

Applications

- Mainly used in Life science, Research labs, Universities, etc., for performing Constant temperature experiments and environmental tests of humidity range in living organisms such as Plants, Bacteria, Yeast, Fungi so on.

Standard Accessories

- Shelf x 2pcs

Optional Accessories

- Spare shelf
- Printer

- U-disk storage
- Recorder
- Remote control
- USB interface and software

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